

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/06991

**A. CLASSIFICATION OF SUBJECT MATTER**  
Int.Cl<sup>7</sup> A61K31/409, 9/107, 47/48, 41/00, A61P35/00, 43/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl<sup>7</sup> A61K31/409, 9/107, 47/48, 41/00, A61P35/00, 43/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
MEDLINE (STN), BIOSIS (STN), CAPLUS (STN), EMBASE (STN)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, Y	EP 739634 A2 (THE GREEN CROSS CORP.), 30 October, 1996 (30.10.96), Full text & JP 08-301873 A & US 6008198 A & CA 2175115 A	1-4
X, Y	TSUCHIDA Eishun et al., Human Serum Albumin Incorporating Tetrakis(o-pivalamido) Phenyl porphinatoiron(II) Derivative as a Totally Synthetic O <sub>2</sub> -Carrying Hemoprotein, Bioconjugate Chem., (1999), Vol.10, No.5, pages 797 to 802	1-3

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
30 July, 2003 (30.07.03)

Date of mailing of the international search report  
12 August, 2003 (12.08.03)

Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/06991

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, Y	TSUCHIDA Eishun et al., Exchange Transfusion with Albumin-Heme as an Artificial O <sub>2</sub> -Infusion into Anesthetized Rats: Physiological Responses, O <sub>2</sub> -Delivery, and Reduction of the Oxidized Hemin Sites by Red Blood Cells, Bioconjugate Chem., (2000), Vol.11, No.1, pages 46 to 50	1-3
Y	WO 95/21845 A1 (BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM), 17 August, 1995 (17.08.95), Full text & JP 10-500659 A & EP 745085 A1 & US 5599923 A & DE 69526782 A	1-4
Y	WO 00/33833 A1 (YEDA RESEARCH AND DEVELOPMENT CO. LTD.), 15 June, 2000 (15.06.00), Full text & JP 2002-531497 A & EP 1137411 A1 & US 6569846 B1 & CN 1334728 A & AU 200015834 A	1-4